# ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

PTO/SB/08b (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	Substitute for form 1449/PTO			Complete if Known		
				Application Number	10/693,052-Conf. #1566	
l in	<b>IFORMATIC</b>	ON DIS	CLOSURE	Filing Date	October 23, 2003	
s	STATEMENT BY APPLICANT			First Named Inventor	Yi-Chung Chan	
				Art Unit	2627	
	(Use as many sheets as necessary)			Examiner Name	L. Bibbins	
Sheet	1	of	6	Attorney Docket Number	320528643US	

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-20020015017	02-07-2002	Kwag	
		US-20020075780	06-20-2002	Ogihara	
		US-20020105895	08-08-2002	Tanaka	
		US-20020150017	10-17-2002	Ono et al.	
		US-20030099171	05-29-2003	Ito	
		US-20030103428	06-05-2003	Lu et al.	
		US-20040090883	05-13-2004	Lee et al.	
		US-20040090895	05-13-2004	Lee et al.	
		US-20040130986	07-08-2004	Minase et al.	
		US-20040218497	11-04-2004	Choi et al.	
		US-20050047300	03-03-2005	Ono et al.	
		US-20050058036	03-17-2005	Chen et al.	
		US-20050105433	05-19-2005	Juan et al.	
		US-20050226114	10-13-2005	Liow et al.	
		US-20050265188	12-01-2005	Chang et al.	
		US-20050265189	12-01-2005	Tai	
		US-20090103402	04-23-2009	Liow et al.	
		US-5,003,521	03-26-1991	Yoshida et al.	
		US-5,506,824	04-09-1996	Fairchild et al.	

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (# Isnown)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	
		BR-PI0418819-A	11-13-2007	Via Tech Inc		一
		BR-PI0418821-A	11-13-2007	Via Tech Inc		Г
		CN-1348181	05-08-2002	Sony Corp.		
		CN-1366660	08-28-2002	Matsushita Electric Ind Co Ltd.		
		CN-1490790	04-21-2004	Sanyo Electric Co.		Г
		CN-1591643-A	03-09-2005	Via Tech Inc		Г

Examiner I	/) "g" ("h, )   /	Date	0.1.10.00.10
	/La Lanva Ribbins/	Date	L 01/95/9010
Signature	/La i aliya Dibbilis/	[Considered	01/23/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

#### ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

PTO/SB/08b (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Su	Substitute for form 1449/PTO			Complete if Known		
1				Application Number	10/693,052-Conf. #1566	
11	NFORMATIO	N DI	SCLOSURE	Filing Date	October 23, 2003	
S	STATEMENT BY APPLICANT			First Named Inventor	Yi-Chung Chan	
				Art Unit	2627	
	(Use as many sheets as necessary)			Examiner Name	L. Bibbins	
Sheet	2	of	6	Attorney Docket Number	320528643US	

			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
IIIUGIS	140.				Figures Appear
		US-5,903,531	05-11-1999	Satoh et al.	
		US-5,917,791	06-29-1999	Tsuchiya et al.	
		US-6,052,344	04-18-2000	Ueki	
		US-6,212,141	04-03-2001	Tanikawa et al.	
		US-6,295,260	09-25-2001	Shihara et al.	
		US-6,304,535	10-16-2001	Magome et al.	
		US-6,459,666	10-01-2002	Yokoi	
		US-6,603,720	08-05-2003	Kuroda et al.	
		US-6,700,847	03-02-2004	Osada	
		US-6,728,181	04-27-2004	Shimoda et al.	
		US-6,747,931	06-08-2004	Park et al.	
		US-6,760,289	07-06-2004	Ide	
		US-6,816,443	11-09-2004	Hwang et al.	
		US-6,822,936	11-23-2004	Ono et al.	
		US-6,856,586	02-15-2005	Usui et al.	
		US-6,868,051	03-15-2005	Ogihara	
		US-6,980,500	12-27-2005	Lu et al.	
		US-6,992,961	01-31-2006	Minase et al.	
		US-7,016,284	03-21-2006	Chou	
		US-7,046,593	05-16-2006	Ito	

		FORE	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# Imown)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		CN-1601639	03-30-2005	Zhang et al.		$\Box$
		CN-1637909	07-13-2005	Dai et al.		П
		CN-1658312-A	08-24-2005	Lianfa Science & Tech Co Ltd		П
		CN-1700311	11-23-2005	Chang et al.		$\Box$
		DE-10349161-A1	06-24-2004	Via Tech Inc		П
		JP-10302381	11-13-1998	Pioneer Electron Corp.		П
		JP-2000078392	03-14-2000	Oki Data Corp.		П

Signature /LaTanya Bibbins/ Date Considered 01/25/2010
--

<sup>\*</sup>EXAMINER: tritial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation destignation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gog">www.uspto.gog</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

### ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

PTO/SB/08b (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subs	Substitute for form 1449/PTO			Complete if Known		
				Application Number	10/693,052-Conf. #1566	
IN	FORMATIO	N DIS	CLOSURE	Filing Date	October 23, 2003	
S	STATEMENT BY APPLICANT		First Named Inventor	Yi-Chung Chan		
	(Use as many sheets as necessary)			Art Unit	2627	
				Examiner Name	L. Bibbins	
Sheet	3	of	6	Attorney Docket Number	320528643US	

			<u>U.S.</u> PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 ( if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		US-7,099,253	08-29-2006	Hsu et al.	
		US-7,136,340	11-14-2006	lde et al.	
		US-7,570,561	08-04-2009	Tai	
		US-7,602,684	10-13-2009	Chen et al.	
	_	US-7,626,907	12-01-2009	Chang et al.	
				Chang et al.	THE PROPERTY OF THE PROPERTY O
					STATE OF THE PARTY
				NATION OF THE PROPERTY OF THE	
			- SANDERSON STATE OF THE PARTY		
		AND THE PROPERTY OF THE PARTY O			
-	CONTRACTOR CONTRACTOR				
2000000000					

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	
		JP-2000315355-A	11-14-2000	Lg Electronics Inc		厂
		JP-2000322742	11-24-2000	Matsushita Electric Ind Co Ltd.		Γ
		JP-2001265620	09-28-2001	Kyocera Corp		Г
		JP-2002007156	01-11-2002	NEC Corp		Г
		JP-2002119830-A	04-23-2002	Babcock Hitachi Kk		Г
		JP-2002312933-A	10-25-2002	Hitachi Ltd et al.		Г

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

#### ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

PTO/SB/08b (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449/P	го		Complete if Known		
				Application Number	10/693,052-Conf. #1566	
IN.	<b>IFORMATIC</b>	ON DIS	CLOSURE	Filing Date	October 23, 2003	
S	TATEMEN'	T BY A	PPLICANT	First Named Inventor	Yi-Chung Chan	
				Art Unit	2627	
	(Use as many sheets as necessary)			Examiner Name	L. Bibbins	
Sheet	4	of	6	Attorney Docket Number	320528643US	

			U.S. PATE	NT DOCUMENTS	
Examiner Initials*	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
initials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	14114FDDF 1111	Applicant of Cited Document	Figures Appear
					A STATE OF THE STA
				AND THE PROPERTY OF THE PROPER	
				AND COMPANY OF THE PARTY OF THE	
				and the state of t	
				Maria Caracteria de Caracteria	
			THE REAL PROPERTY AND ADDRESS OF THE PARTY AND		
			60000		
		THE RESERVE THE PROPERTY OF THE PARTY OF THE			
	NAME OF THE OWNER, WHEN				
	CASSIGN.				

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		JP-2003078392	03-14-2003	Sony Corp.		
		JP-2003016441-A	01-17-2003	Sony Corp		
		JP-2003217135	07-31-2003	Hitachi-Lg Data Storage Inc		П
		TW-1298156	08-21-2008	Tian Holdings		П
		TW-200511273	03-16-2003	Via Technologies, Inc.		П
		TW-200539114	12-01-2005	Via Technologies		

Examiner	/LaTanva Bibbins/	Date 04/05/0	
Signature	/Latanya DIDDINS/	Considered   111/25/20	010 l

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

## ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

PTO/SB/08b (07-09)

Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

s	Substitute for form 1449/PTO			Complete if Known		
				Application Number	10/693,052-Conf. #1566	
	INFORMATION	ON DIS	CLOSURE	Filing Date	October 23, 2003	
,	STATEMENT BY APPLICANT			First Named Inventor	Yi-Chung Chan	
				Art Unit	2627	
	(Use as many sheets as necessary)			Examiner Name	L. Bibbins	
Shee	t 5	of	6	Attorney Docket Number	320528643US	

			U.S. PATE	NT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
nitials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
					THE PROPERTY OF THE PROPERTY O
					THE REAL PROPERTY AND ADDRESS OF THE PERSON
				THE PROPERTY OF THE PROPERTY O	
				The state of the s	
			THE REAL PROPERTY AND ADDRESS OF THE PERSON		
			AND THE PARTY OF T		
		THE REAL PROPERTY AND ADDRESS OF THE PERSON			
		WARRIED BOOK OF THE PARTY OF TH			
SANGER STATE OF THE SANGER	STATES OF THE ST				
AND DESCRIPTION OF THE PARTY OF			-		

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	Γ		
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T⁵		
		TW-200539115	12-01-2005	Via Technologies		Г		
		TW-253060	04-11-2006	Tai et al.				
		WO-03005350-A1	01-16-2003	Koninkl Philips Electronics Nv et al.		Γ		
		WO-2005117008-A1	12-08-2005	Via Tech Inc et al.		Γ		
		WO-2005117009-A1	12-08-2005	Via Tech Inc et al.		Г		

Examiner	// aTanga Dibbina/	Date	
Signature	/LaTanya Bibbins/	Considered	01/25/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not \*EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. \*Applicant's unique citation designation number (optional). \*\*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*\*Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*\*Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*\*Septicant is to place a check mark here if English language Translation is attached.

## ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

PTO/SB/08b (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Şut	Substitute for form 1449/PTO			Complete if Known		
				Application Number	10/693,052-Conf. #1566	
11	VFORMATIC	ON DI	SCLOSURE	Filing Date	October 23, 2003	
S	STATEMENT BY APPLICANT			First Named Inventor	Yi-Chung Chan	
				Art Unit	2627	
	(Use as many sheets as necessary)			Examiner Name	L. Bibbins	
Sheet	6	of	6	Attorney Docket Number	320528643US	

<b>-</b>		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Examiner Initials	Cite No. <sup>1</sup>	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Search and Examination Report for GB Application No. 0324645.1, Mail Date Nov. 22, 2004, 8 pages.	
:		Search and Examination Report for GB Application No. 0324645.1, Mail Date Feb. 9, 2004, 1 page.	
		German Search Report for German Application No. 10349161.9, Mail Date Nov. 17, 2004, 4 pages.	
		International Publication with Search Report for PCT Application No. PCT/CN2004/001531; Applicant: Via Technologies, Inc.; Date of Mailing: March 31, 2005; 19 pages.	
		Written Opinion for Application No. PCT/CN2004/001531; Applicant: Via Technologies, Inc.; Date of Mailing: April 7, 2005; 4 pages.	
		International Preliminary Examination Report on Patentability for PCT Application No. PCT/CN2004/001531; Applicant: Via Technologies, Inc.; Date of Issuance: November 29, 2006; 5 pages.	
		International Publication with Search Report for PCT Application No. PCT/CN2004/001409; Applicant: Via Technologies, Inc.; Date of Mailing: March 10, 2005; 21 pages.	
		Written Opinion for Application No. PCT/CN2004/001409; Applicant: Via Technologies, Inc.; Date of Mailing: March 10, 2005; 4 pages.	
		International Preliminary Examination Report on Patentability for PCT Application No. PCT/CN2004/001409; Applicant: Via Technologies, Inc.; Date of Issuance: November 29, 2006; 5 pages.	
		First Office Action for TW Patent Application No. 93127819; Issued by the Taiwan Intellectual Property Office on June 24, 2008; 7 pages [summary attached].	
		Second Office Action for TW Patent Application No. 93127819; Issued by the Taiwan Intellectual Property Office on June 24, 2000, 6 pages [summary attached]. 02/18/2009	
		Third Office Action for TW Patent Application No. 33127019, Issued by the Taiwan Intellecteal Property Office on July 29, 2909, 11 pages [summary etteched].	
		Fourth Office Action for TW Patent Application No. 93127819; Issued by the Taiwan Intellectual Property Office on November 11, 2009; 6 pages [translation attached].	
		First Office Action for TW Patent Application No. 91310202; Issued by the Taiwan Intellectual Property Office on March 21, 2008; 5 pages [summary attached].	

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/25/2010

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.